

continued from yesterday:

5) $2x^2 + 11x + 12$

$$(2x^2 + 8x)(3x + 12)$$

$$2x(\underline{x+4}) + 3(\underline{x+4})$$

$$(x+4)(2x+3)$$

$$\begin{array}{r|l} 24 & \\ 1 & 24 \\ 2 & 12 \\ 3 & 8 \\ 4 & 6 \end{array}$$

$$(3x+x)(x+4)$$